

Sheet 1 of 1
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Form PTO-1449 (REV. 8-83) US DEPT. OF COMMERCE PATENT & TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		ATTY DOCKET NO. 111129	APPLICATION NO. 09/987,683
		APPLICANTS Mark H. SHIPTON et al.	
		FILING DATE November 15, 2001	GROUP 1742

U.S. PATENT DOCUMENTS

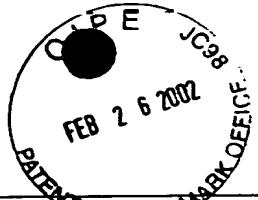
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
HW	1	5,038,014	08/06/1991	Pratt et al.		
HW	2	4,269,868	05/26/1981	Livsey		
HW	3	5,112,801	05/12/1992	Nellis et al.		
HW	4	5,701,669	12/30/1997	Meier		
HW	5	5,043,548	08/27/1991	Whitney et al.		
HW	6	5,177,865	01/12/1993	Hoffmuller		
HW	7	4,998,005	03/05/1991	Rathi et al.		
HW	8	5,175,020	12/29/1992	Doellein et al.		
HW	9	4,958,058	09/18/1990	Sheidt et al.		
HW	10	5,221,039	06/22/1993	Jung et al.		
HW	11	4,675,204	06/23/1987	Nicoll et al.		
HW	12	4,724,299	02/09/1988	Hammemeke		
HW	13	4,730,093	05/08/1988	Mehta et al.		
HW	14	4,743,733	05/10/1988	Mehta et al.		
HW	15	4,777,341	10/11/1988	Steen et al.		

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
HW	16	GB 1 394 463	05/14/1975	Great Britain		
HW	17	DE 30 11 022 A1	10/02/1980	Germany		
HW	18	EP 0 436 320 A2	07/10/1991	Europe		
HW	19	EP 0 176 942 A1	04/09/1986	Europe		
HW	20	EP 0 349 661 A1	01/10/1990	Europe		
HW	21	EP 0 573 928 A1	12/15/1993	Europe		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER	<i>Raymond D. Wilk</i>	DATE CONSIDERED
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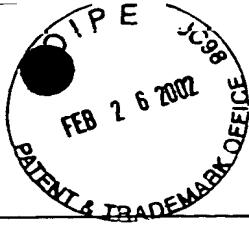
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HW	22	4,804,815	02/14/1989	Everett		
HW	23	4,995,087	02/19/1991	Rathi et al.		
HW	24	4,998,005	03/05/1991	Rathi et al.		
HW	25	5,077,141	12/31/1991	Naik et al.		
HW	26	5,160,822	11/03/1992	Aleshin		
HW	27	5,245,155	09/14/1993	Pratt et al.		
HW	28	5,298,204	03/29/1994	O'Connor et al.		
HW	29	5,352,540	10/04/1994	Schienle et al.		
HW	30	5,449,536	09/12/1995	Funkhouser et al.		
HW	31	5,477,025	12/19/1995	Everett et al.		
HW	32	5,612,099	03/18/1997	Thaler		
HW	33	5,622,638	04/22/1997	Schell et al.		
HW	34	5,814,152	09/29/1998	Thaler		
HW	35	5,847,357	12/08/1998	Woodmansee et al.		
FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
HW	36	EP 0 510 567 A2	10/28/1992	Europe		
HW	37	GB 2 299 777 A	10/16/1996	Great Britain		
HW	38	EP 0 509 758 A1	10/21/1992	Europe		
HW	39	EP 0 480 828 A1	04/15/1992	Europe		
HW	40	GB 2 241 186 A	08/28/1991	Great Britain		
HW	41	GB 2 222 179 A	02/28/1990	Great Britain		
HW	42	EP 0 396 132 A1	11/07/1990	Europe		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)						
EXAMINER	<i>Mark D. Smith, J.D.</i>			DATE CONSIDERED <i>1/22/03</i>		
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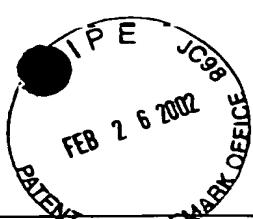
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HW	43	EP 0 231 999 A2	08/12/1987	Europe		
HW	44	GB 2 169 318 A	07/09/1986	Great Britain		
HW	45	GB 2 158 942 A	11/20/1985	Great Britain		
HW	46	JP A 9-314364 (w/abstract)	12/09/1997	Japan		
HW	47	JP A 9-76038 (w/abstract)	03/25/1997	Japan		
HW	48	WO 97/35678	10/02/1997	WIPO		
HW	49	WO 95/29785	11/09/1995	WIPO		
HW	50	WO 95/11100	04/27/1995	WIPO		
HW	51	WO 86/02337	04/24/1986	WIPO		
HW	52	DE 195 47 903 C1	03/20/1997	Germany		
HW	53	DE 41 30 952 A1 (w/abstract)	04/01/1993	Germany		
HW	54	DE 41 15 230 A1	01/02/1992	Germany		
HW	55	DE 41 02 071 A1	07/25/1991	Germany		
HW	56	DE 40 14 808 A1	11/22/1990	Germany		
HW	57	DE 39 42 051 A1	08/09/1990	Germany		
HW	58	DE 39 42 050 A1	08/09/1990	Germany		
HW	59	DE 39 42 049 A1	08/09/1990	Germany		
HW	60	DE 39 42 048 A1 (w/abstract)	08/09/1990	Germany		
HW	61	DE 34 26 201 A1	01/23/1986	Germany		
HW	62	JP A 10-76363 (w/abstract)	03/24/1998	Japan		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)						
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				APPLICANTS Mark H. SHIPTON et al.			
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME		CLASS	SUB CLASS
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY		CLASS	SUB CLASS
HW	63	JP A 10-1767 (w/abstract)	01/06/1998	Japan			
HW	64	JP A 59-96273 (w/abstract)	06/02/1984	Japan			
HW	65	JP A 62-207883 (w/abstract)	09/12/1987	Japan			
HW	66	SU 1798377 A1 (w/abstract)	02/28/1993	Russian			
HW	67	SU 1822047 A1 (w/abstract)	09/10/1996	Russia			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER <i>Mark D. Miller</i>				DATE CONSIDERED <i>1/22/03</i>			
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		5,622,638	04/22/1997	Schell et al.		
FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
HW		EP 0 194 391 A1	09/17/1986	Europe		
HW		EP 0 207 874 A2	01/07/1987	Europe		
HW		GB 2 235 697 A	03/13/1991	Great Britain		
HW		EP 0 577 316 A2	01/05/1994	Europe		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)						
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EXAMINER	<i>Mark D. Wilhite</i>				DATE CONSIDERED 1/22/03	
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